

YAKOVKIN, N.A.; ZEL'DINA, M.Yu.

Spectrophotometric investigation of four bright prominences.  
Astron. zhur. 40 no.5:847-854 S-0 '63. (MIRA 16:11)

1. Kiyevskaya astronomiceskaya observatoriya.

ACCESSION NR: AP4032727

S/0033/64/041/002/0336/0343

AUTHOR: Yakovkin, N. A.; Zel'dina, M. Yu

TITLE: Excitation and ionization of hydrogen in prominences

SOURCE: Astronomicheskiy zhurnal, v. 41, no. 2, 1964, 336-343

TOPIC TAGS: astronomy, sun, solar activity, hydrogen ionization, solar prominence, solar photosphere, solar radiation, ionization recombination mechanism, solar flare

ABSTRACT: It is shown that the ionization of hydrogen atoms occurs as a result of solar radiation in the Balmer continuum ( $T = 5700\text{C}$ ). The principal source of electrons is the second quantum level ( $n_2 = 3 \cdot 10^4$ ,  $n_e = 4 \cdot 10^{10}$ ). For estimation of electron density it is convenient to use the formula

$$n_e = 3 \cdot 10^8 \sqrt{n_2} .$$

If the temperature of Ly- $\alpha$  radiation in a prominence is  $\sim 7500\text{C}$ , the population of the first level will be about  $10^{11}$  and the degree of ionization of hydrogen is  $\sim 30\%$ . The luminescence of prominences in the first lines of the Balmer series is caused by the resonance scattering of photospheric radiation. The

Card 1/2

ACCESSION NR: AP4032727

temperature of excitation of the corresponding levels is dependent on the dilution factor and the central intensities of Fraunhofer lines. The populations of the higher levels of the hydrogen atom are determined by the ionization-recombination mechanism. It is found that numerically they are equal to the populations at resonance scattering of solar radiation. It therefore follows that the surface brightness of a prominence always is lower than the surface brightness of the solar disc in this same line. If the formation has a greater brightness it should be considered a flare instead. Orig. art. has: 13 formulas, 9 figures and 3 tables.

ASSOCIATION: Astronomicheskaya observatoriya Kiyevskogo gosudarstvennogo universiteta (Astronomical Observatory of Kiev State University)

SUBMITTED: 20Aug62

DATE ACQ: 11May64

ENCL: 00

SUB CODE: KAA AP4032727

NO REF SOV: 007

OTHER: 003

Card: 2/2

YAKOVKIN, N.A.; ZELEDINA, M.Yu.

The H $\alpha$  emission field in the prominences. Astron.sber. 41  
no.5:914-919 S-0 '64.

1. Astronomicheskaya observatoriya Kiyevskogo gosudarstvennogo  
universiteta. (MIKA 17:10)

L 00273-66 EWT(1) GW  
ACCESSION NR: AP5020677

UR/0033/65/042/004/0764/0774  
523.775

50  
48  
B

AUTHORS: Polupan, P. N.; Yakovkin, N. A.

TITLE: Investigation of limb chromospheric flare

SOURCE: Astronomicheskiy zhurnal, v. 42, no. 4, 1965, 764-774

TOPIC TAGS: chromosphere, solar flare, induced emission, ionization, solar radiation, hydrogen atom, electron density

ABSTRACT: From photographic records of the July 27, 1961 solar flare, observed at Kiev University, the length, temperature, and electron density of the limb chromosphere were calculated. First, the optical thickness of the flare in the various line series of the hydrogen atom was calculated. Both induced and spontaneous emission were taken into consideration and hydrogen ionization was estimated from continuum solar radiation as well as from electronic impact phenomena. Photo-recombination and three-body recombination were assumed to be the governing recombination mechanisms. The stationary equation for the m-th hydrogenic level at any given time t is expressed by

$$\dot{R}_m^{(3)}n_e^3 + R_m^{(2)}n_e^2 + L^{-1}Z_m n_e + L^{-1}A_m = 0,$$

where  $R^{(3)}$  and  $R^{(2)}$  represent the three-body and photo-recombinations, respectively.  
Card 1/3

L 00273-6

2

ACCESSION NR: AF5020677

and the coefficients  $Z_m$  and  $A_m$  are given by

$$Z_m = \sum_i (N_i Z_{im} - N_m Z_{mi}) + \sum_k (N_k Z_{km} - N_m Z_{mk}) - N_m Z_m^u,$$

$$A_m = \sum_k N_k A_{km} (\tau'/\tau)_{km} F_{km} - \sum_i N_m A_{mi} (\tau'/\tau)_{mi} F_{mi} - N_m \Phi_m^u + \\ + \sum_i \rho_{im}^o B_{im} N_i (\tau'/\tau)_{im} F_{mi} - \sum_k \rho_{mk}^o B_{mk} N_m (\tau'/\tau)_{mk} F_{mk},$$

 $i < m < k.$ 

The solution of this equation was obtained graphically for six levels of the hydrogen atom. The following data were obtained as a result of the above computations: effective flare length  $1.2 \times 10^7$  cm, electron concentration  $2.1 \times 10^{12}/\text{cc}$ , temperature 7500K. The total energy emitted by the hydrogen atoms was estimated to be 15 ergs/cm<sup>3</sup> sec. Orig. art. has: 18 formulas, 4 tables, and 2 figures.

ASSOCIATION: Astronomicheskaya observatoriya, Kiyevskogo universiteta (Astronomical Observatory, Kiev University)

55

Card 2/3

L 00273-66

ACCESSION NR: AP5020677

SUBMITTED: 26Oct64

ENCL: 00

SUB CODE: AA, GP

NO REF Sov: 010

OTHER: 005

Card 3/3

L 08922-67 EMT(1) GW

ACC NR: AR6025352

SOURCE CODE: UR/0269/66/000/004/0065/0065

AUTHOR: Yakovkin, N. A.; Zel'dina, M. Yu.

31

TITLE: Dependence of the H $\alpha$  line form upon protuberance orientation

SOURCE: Ref. zh. Astronomiya, Abs. 4.51.488

REF SOURCE: Solnechnyye dannyye, no. 5, 1965, 50-54

**TOPIC TAGS:** ~~activity~~, solar prominence, ~~solar prominences~~, prominence  
solar spectrum, spectrum ~~in data~~ solar photosphere, solar radiation scattering

**ABSTRACT:** Dependence of the profile of the H $\alpha$  line in the spectrum of the protuberances upon protuberance orientation relative to the surface of the Sun and the line of vision is investigated. It is assumed that the source of energy in H $\alpha$  is the incoherent scattering of the photosphere radiation. The function B( $\tau$ ) of the source was determined from the basic equation of the radiation diffusion theory for the following cases: 1) radial orientation of the protuberance; 2) protuberance parallel to the Sun's surface; 3) protuberance plane inclined 30° to the photosphere plane; and for  $\tau = 1; 10; 100$ . It is shown that in case of a radial distribution, B( $\tau$ ) has a maximum in the protuberance central region; and in the two other cases, the maximum is situated near the boundary directed toward the surface of the Sun. The computed source functions were utilized for the determination of the H $\alpha$  line profiles. It is shown that the multiplicity of forms of the H $\alpha$  line is connected with differences of optical thickness and

Card 1/2

UDC 523.77

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001961910007-7

L 08922-67

ACC NR: AR6025352

the doppler widths, as well as with protuberance orientation relative to the Sun's surface and the line of vision. [Translation of abstract].

SUB CODE: 03

Card 2/2 *[Signature]*

YAKOVKIN, V.

"Characteristics of the Behavior of Armored Forces Under  
Conditions of the Use of Atomic Weapons" an article in the publication  
Problems of the Use of Atomic Energy. October, 1956.  
Moscow

YAKOVKIN, V.

"The Effect of Atomic Weapons on Armored Units in Battle,"  
a chapter from the book Problems in the Utilization of Atomic Energy,  
the Second revised edition of a collection of articles, published in 1956,  
Moscow, USSR

Vladimir AVENNIROVICH

Atomnoye Oruzhие i Protivoatomnaya Zashchita (Atomic Weapons and Antiatomic Defense), by M. M. Gvozdev and V. A. Yakovkin, Moscow, Dosaaf, 1956, 176 pp (from a standard card of the USSR State Library imeni V. I. Lenin, No 358.5)

"Briefly presents, in popular style, general data on atomic energy, atomic weapons, their capabilities and destructive effects on people and various objects, and methods of antiatomic defense. Authors use data made available after atomic explosion at Hiroshima and Nagasaki, and material published on atomic and hydrogen bomb tests. A list of recommended literature (eight titles) is given at end of book." (U)

Sum. N. 1967

LITOVCHEJKO, V.G.; FROLOV, O.S.; ZHINDULIS, A.I.; YAKOVKIN, V.N.

Study of slow changes in the work function and surface conductivity of Si and Ge. Radiotekh. i elektron. 9 no.6:1047-1054  
Je '64.  
(MIRA 17:7)

LAKOVKINA, YE. A.

Dependence of the volume of the solid phase of starch suspensions on moisture content. L. A. Duman'skii and R. A. Yakuksina (Univ. Kiev). *Kolloid. Zhur.* 14, 37 (1932). Starch contg. 2% H<sub>2</sub>O was suspended in a CCl<sub>4</sub>-petroleum mist. of equal d., and the viscosity  $\eta$  of the suspension was detd. From the  $\eta$ , the vol.  $v$  of the solid was calcd. by Einstein's formula. The  $v$  increased with a linearly to  $x = 20\%$  and was independent of  $x$  at  $x$  between 20% and 27%. In this range, the apparent vol. of 2% starch was 2.1 cc. J. J. Bikerman

KURILENKO, O.D.; YAKOVKINA, Ye.A.

Determining contraction during moistening of starch and use of  
this data in the study of the hydrophilic nature of starch. Izv.  
vys.ucheb.zav.; pishch.tekh. no.1:130-134 '59. (MIRA 12:6)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti,  
kafedra fizicheskoy i kolloidnoy khimii.  
(Starch) (Heat of wetting)

KURILENKO, O.D.; YAKOVKINA, Ye.A.

Equilibrium in the system starch - alcohol-water mixture.  
Koll. shur. 22 no.3:282-287 My-Je '60. (MIRA 13:7)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti.  
(Starch) (Ethyl alcohol) (Heat of wetting)

KURILENKO, O.D.; CVCHARENKO, F.D.; YAKOVKINA, Ye.A.

Problems in the thermodynamics of wetting. Izv.vys.ucheb.zav.;  
khim.i khim.tekh. 5 no.1:87-90 '62. (MIRA 15:4)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti,  
kafedra fizicheskoy i kolloidnoy khimii.  
(Wetting)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001961910007-7

DUMANSKAY, O.A.; YAKOVKINA, Ye.A.

Use of the adsorption method for determining starch moisture.  
Trudy KTIPP no.27:101-104 '63. (MIR 17:5)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001961910007-7"

YAKOV, I.

"Transplantation is an Important Method for Studying and Cultivating Plants," p. 8.  
(Priroda I Znanie, Vol.6, No.4, Apr. 1953, Sofiya.)

SO: Monthly List of Russian Accessions, Vol.2, No.9  
East European Library of Congress, September 1953, Uncl.

YAKOV [y]

EXCERPTA MEDICA Sec.12 Vol.11/5 Ophthalmology May 57

801. JAKOV M. \*The role of foci of pathologic irritation of the dental nervous system in eye diseases (Russian text)  
VESTN.OFTAL. 1956, 4(38-39)

Clinical observations over a hundred patients established the fact that functional disturbances in various organs were caused by reflexory influence coming from microbic or chemical foci of pathological irritation of the nerves of the devitalized pulp of the teeth, or dead teeth having fillings or gold crowns. Aside of minor disturbances of the visual organ, like spots before the eyes, transitional impairment of vision or visual fields, there were also recurrent keratitis and uveitis which responded to no treatment. The extraction of devitalized teeth brought prompt improvement of these serious eye diseases.

Sitchevska - New York, N.Y.

YAKOV, M.S., inzh.

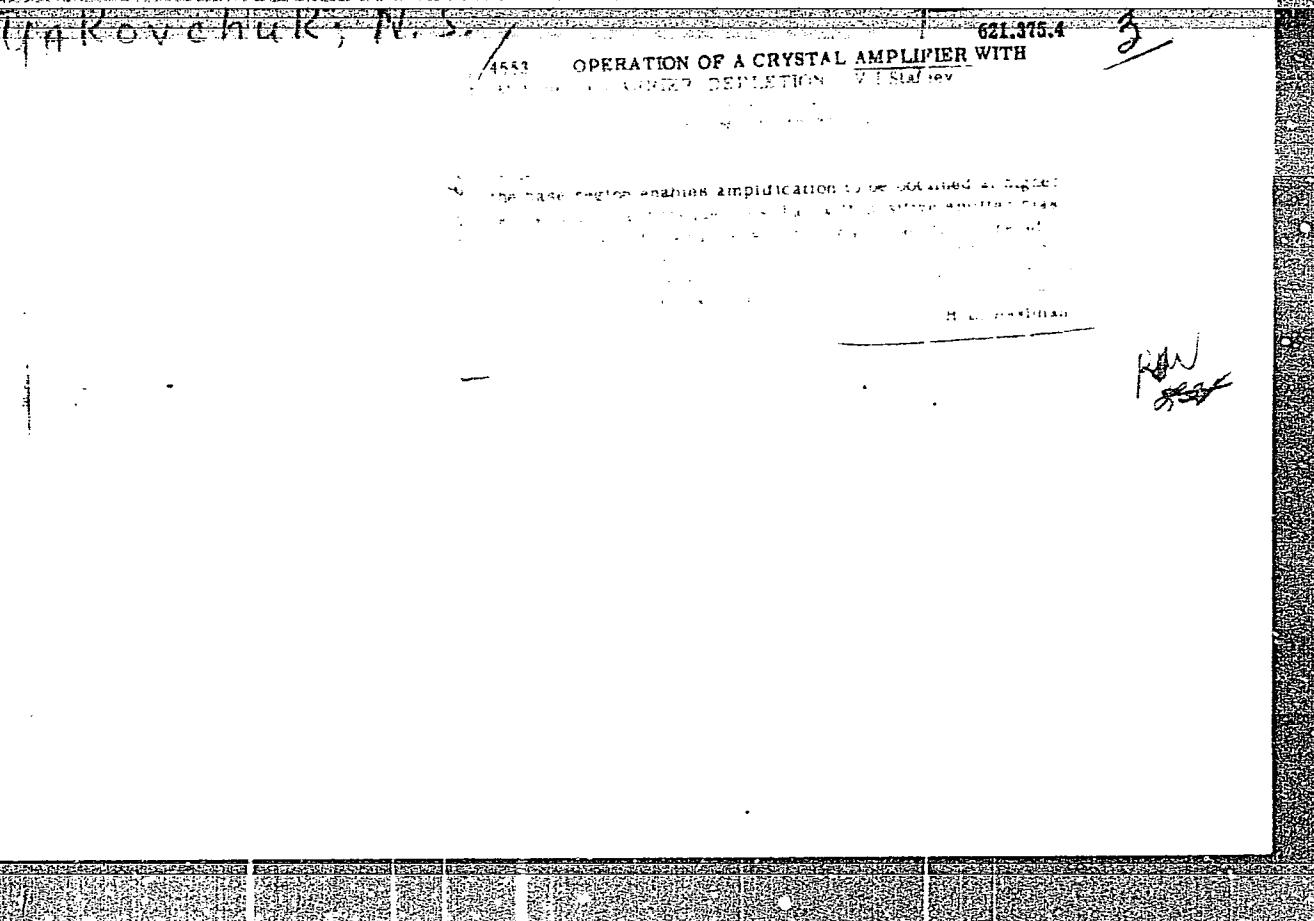
Unifying the gauge width on old ties. Put' i put. khoz. no.1:26-27  
Ja '58. (MIRA 11:1)

(Railroads--Ties)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001961910007-7

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001961910007-7"



YAKOVCHUK, N.S.

AUTHORS: Yakovchuk, N.S. and Afrutkin, G.I. 120-4-13/35

TITLE: Apparatus for Oscillographic Investigation of Crystal  
Triode Characteristics (Pribor dlya otsillograficheskogo  
issledovaniya kharakteristik kristallicheskikh triodov)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1957, No.4,  
pp. 49 - 52 (USSR).

ABSTRACT: Apparatus is described which permits the characteristics of crystal triodes to be displayed and photographed on a CRT screen. The data obtained can be used graphically in the design of circuits using crystal triodes, and also for the investigation of the triodes themselves. The characteristic  $U_K = f(I_K) I_3 = 0$  can be obtained by use of the circuit

given in Fig.1 where  $\exists$  is the emitter and  $K$  is the collector. The voltage from the transformer is applied to a crystal triode through a resistance  $R$  connected in series with the collector. The voltage developed across the resistor  $R$ , which is proportional to the collector current  $I_K$ , is applied to the vertical plates of the CRT; the collector voltage  $U_K$  is applied to the horizontal plates. A step voltage/current generator is connected to the emitter and the following characteristics are

120-4-13/35

Apparatus for Oscillographic Investigation of Crystal Triode  
Characteristics.

displayed on the CRT screen:  $U_K = f_1(I_K)$  with  $I_3$  constant or  $U_K = f_2(I_K)$  with  $U_3$  constant. The input characteristics  $U_3 = f_3(I_3)U_K$  or  $U_3 = f_4(I_3)I_K$  can be obtained by inter-

changing the points 3 and K. The zero lines representing the current and voltage co-ordinates are obtained by mechanical alternate operation of short-circuiting switches. To avoid loss of DC levels and distortion due to stray capacitance, the circuits were designed to meet the following requirements:

1) DC amplifiers were used for horizontal and vertical amplification; 2) both amplifiers had a constant phase characteristic over the whole working frequency range; 3) the input step functions were obtained from symmetrical circuits.

The oscilloscope circuits are given in Fig. 2, and the step generator circuit in Fig. 3. Photographs of characteristics obtained are given in Figs. 4-7.

There are 4 references, 1 of which is Slavic.

Card 2/3

120-4-13/35

Apparatus for Oscillographic Investigation of Crystal Triode  
Characteristics.

ASSOCIATION: Physico-technical Institute Ac.Sc. USSR.  
(Fiziko-tehnicheskiy institut AN SSSR)

SUBMITTED: November 18, 1955.

AVAILABLE: Library of Congress

Card 3/3

S/081/61/000/017/027/166  
B102/B138

AUTHORS: Ostrovskaya, L. K., Yakovenko, G. M., Gamayunova, M. S.

TITLE: Complex inadequacy of microelements in lime soils

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1961, 106, abstract 17-92 (Tr. Biogeokhim. labor. Inst. geokhimii i analit. khimii AN SSSR, v. 11, 1960, 92 - 101)

TEXT: Excess quantities of lime in the soil not only reduce the mobility of Fe but also of many other microelements (Co, Mn, Zn, Cu, B). This is due to the increased pH value of these soils, to the adsorptive action of  $\text{CaCO}_3$  particles and, probably, also to the effect of  $\text{CaCO}_3$  on the solubility and stability of chelate compounds of these elements. In this kind of soil there is a distinct shortage of Fe and Cu accessible to plant life. This is, of course, due to the very high stability of the chelate type of organocomplexes of these elements. [Abstracter's note: Complete translation.]

Card 1/1

YAKOVENKO, G. M., OSTROVSKAYA, L. K., (USSR)

Relative Contents and Physiological Significance of Iron, Zinc and Copper Complexes in Plants.

report presented at the 5th Int'l.  
Biochemistry Congress, Moscow, 10-16 Aug. 1961

YAKOVIN, F.P.

Window blocks of plastics. Stroi. mat. 10 no.5:4-5 My '64.  
(MIRA 17:9)

1. Glavnnyy inzhener derevoobrabatyvayushchego kombinata No.3  
Glavnogo upravleniya promyshlennosti stroitel'nykh materialov  
i stroitel'nykh detaley Ispolnitel'nogo komiteta Moskovskogo  
gorodskogo soveta deputatov trudyashchikhsya.

YAKOVLENKO, I.P.

Five meters of drift daily. Ugol' Ukr. 4 no.3:34 Mr '60.  
(MIRA 13:6)

1. Brigadir. prokhodchikoy shakhtoupravleniya "Luganskoje-Komsomol'skoye" tresta Frunzeugol'.  
(Donets Basin--Coal mines and mining)

KONCHAKOV, G.; MOLOTKOV, D.; YAKOVLEV, A.

Production line with membrane units for freezing meat in  
blocks. Mias.ind.SSSR 31 no.5:5-7 '60. (MIRA 13:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy  
promyshlennosti (for Konchakov). 2. Gor'kovskiy myasokombinat  
(for Yakovlev).

(Meat, Frozen)

SMIRNOV, V.P.; YAKOVLEV, A., kand.tekhn.nauk; PCHELINTSEV, V., kand.  
tekhn.nauk; BUSHEV, V., inzh.; FEDORENKO, V., inzh.

Fire-testing of large-panel houses. Posh.delo 6 no.8:  
7-11 Ag '60. (MIRA 13:8)  
(Fire-testing)

YAKOVLEV, A.

Considering the demands of life. Okhr. truda i sots. strakh. 4  
no. 2:57-58 F '61. (MIRA 14:2)

(Bibliography—Trade unions) (Bibliography—Industrial hygiene)  
(Labor laws and legislation)

YAKOVLEV, A.

Acidophilus bacteria culture is of great prophylactic value.  
Nauka i pered.op. v sel'khoz. 8 no.11:60 N '58. (MIRA 11:12)

1. Zaveduyushchiy Nishevskim vetuchastkom Pakovskoy oblasti.  
(Lactobacillus acidophilus)

GONCHAROV, N., mayor; MOZNYAKOV, N., mayor; KHANDOV, G., starshiy leytenant;  
YAKOVLEV, A., leytenant

An important and inspiring subject. Komm.Vooruzh.sil 2 no.7:80-83  
Ap '62. (MIRA 15:3)

1. Chleny vneshtatnogo soveta po politicheskim zanyatiyam pri otdele  
propagandy zhurnala "Kommunist Vooruzhennykh sil."  
(Russia--Armed forces--Political activity)

YAKOVLEV, A.

Legkomotornaia aviatsiia v SSSR. [The light motor aviation in the USSR].  
(Samolet, 1930, no. 2, p. 17; continued as "Nashi legkie samolety" - our  
light airplanes in no. 5, p. 4-9 and p. 12-13). DLC: TL504.S25

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

YAKOVLEV, A.

AID - P-169

Subject : USSR/Aeronautics  
Card : 1/1  
Author : Yakovlev, A., Lt. Col. of the Guard  
Title : In Defensive Action at the Lake Balaton  
Periodical : Air Force Herald, 1, 19 - 25, Ja 1954  
Abstract : The cooperation of the USSR Air Force in the defensive action at the Lake Balaton, in February and March 1945, is described by the author. Some tactical problems are outlined.  
Institution : None  
Submitted : No date

YAKOVLEV, A., starshiy prepodavatel' (Buguruslan).

Is this the correct way to help young teachers? Grazhd.av.13 no.12:10  
D '56. (MLRA 10:2)

(Aeronautics--Study and teaching)

YAKOVLEV, A., aviakonstruktor, geroy sotsialisticheskogo truda.

Dream and dare... Znan.sila 31 no.1:18-20 Ja '56. (MLRA 9:4)  
(Airplanes--Design and construction)

SOV/84-60-1-26/76

3(7)

AUTHORS: Sheynin, M., Chief Engineer, and Yakovlev, A.,  
Senior Instructor

TITLE: Radar Probing of the Atmosphere ✓

PERIODICAL: Grazhdanskaya aviatsiya, 1960, Nr 1, p 14 (USSR)

ABSTRACT: The authors recommend a wider use of radar for atmospheric soundings. In 1956 they proposed the specific utilization of radar reflectors dropped by aircraft or scattered from signal rockets. From the returns appearing on the radar screen (svetoplan) it would be possible to calculate the speed and direction of airflow and wind in relation to the height and level of approach. A wide-range screen would be required - in conventional units, the distance between the rings must be 30-50 km. Radar reflectors would be particularly useful for studying vertical currents and turbulence at all atmospheric levels. Tests conducted with the TsAO GUGMS showed

Card 1/2

Radar Probing of the Atmosphere

SOV/84-60-1-26/76

that the ground radar method used to record the mean quadratic velocity of cloud movement can be applied to the atmosphere. Vertical soundings can be taken when radar reflectors are scattered above and below the cloud-zone. Periodic photographs are taken from the screen.

ASSOCIATION: Vyssheye aviatsionnoye uchilishche GVF (Higher Aviation College of the Civil Air Fleet)

Card 2/2

YAKOVLEV, A., starshiy prepodavatel'; SHTAL', V., kand.geograficheskikh  
nauk, dotsent

Let us visit a meteorological station. Grazhd.av. 19 no.10:18  
0 '62. (MIRA 16:2)

1. Vyssheye aviationsionnoye uchilishche Aeroflota (for Yakovlev).  
(Meteorological stations)

YAKOVLEV, A.

Joint effort will have better results. Zhil.-kom. khoz. 12  
no. 3:11 Mr '62. (MIRA 15:10)

1. Redaktor stengazety "Obshchestvennik".

(Kalinin—Civic improvement)

YAKOVLEV, A., leytenant; ZAYTSEV, Yu., leytenant

Lively, interesting method of instruction. Komm. Vcoruzh. Sil.  
3 no.13:59-61 Jl'63 (MIRA 17:7)

YAKOVLEV, A., starshiy prepodavatel'

An airplane makes a landing. Grazhd. av. 22 no.5:18-19 My '65.  
(MIRA 18:7)

1. Vyssheye aviationsionnoye uchilishche grazhdanskoy aviatsii.

L-45066-66

ACC NR: AP6025985 (N) SOURCE CODE: UR/0310/66/000/007/0045/0046

AUTHOR: Leont'yev, V. (Engineer); Yakovlev, A. (Engineer)

33

ORG: none

B

TITLE: River sounding trawl

SOURCE: Rechnoy transport, no. 7, 1966, 45-46

TOPIC TAGS: ~~river sounding trawl, sounding trawl, sonar trawler,~~  
~~SOUND TRANSMISSION, SOUND WAVE, UNDERWATER SOUND EQUIPMENT~~

ABSTRACT: An experimental sonar trawl has been designed and built by the Novosibirsk Electrotechnical Institute and tested by the Ob' River Basin Administration. The trawl is designed for use on small-tonnage vessels for routine trawling of navigational channels. The sonic trawl, like the sonic depth finder, is a hydroacoustic device based on the principle of sound-wave echo. But the sonic trawl transmits sound pulses forward in a horizontal direction. Its maximum range of detection is 40—50 m. The search for obstructions is conducted on both sides of the route, to total width of 60 to 85 m. A detailed description and the method of operation are given. The authors express gratitude to Chief Engineer Ye. M. Pleskevich and Engineer B. L. Chernomordik (Chief of the Technical Division), both of the Ob' River Basin Administration, for conducting the tests. Orig. art. has: 5 figures.

Figures. SUB CODE: 13, 17/ SUBM DATE: none [SA]  
Card 1/1 blg UDC: 639.206.5:534.88

YAKOVLEV, A.

New activity for the atom. Inform.biul.VDNKH no.1:20-21 Ja '65.  
(MIRA 18:3)

1. Na-hal'nik otdela moskovskogo filiala Vsesoyuznogo instituta po  
projektirovaniyu organizatsii energeticheskogo stroitel'stva.

YAROSLAVSKIY, V., brigadir montazhnik (Lobnya Moskovskoy obl.); SIPRIKOV, V. (pos.Zavolzh'ye Gor'kovskoy obl.); FAL'BAUM, G. (Odessa); STAREN'KIY, S. (Saratov, Vol'skaya, 91, kv.7); DUDNIKOV, A. (Krasnodar); UGLEV, P. (Perm'); MEDOVAYA, A., inzh. (Leningrad); TRIGUBOVICH, A., frezerovshchik (Dzerzhinsk, Minskoy obl.); FINOV, G., student (Tula); YAKOVLEV, A., slesar' (Moskva); MALININA, N. (Tallin); CHEPAYKIN, G., inzh. (Moskva)

Advertising board. Izobr.i rats. no.5 (201) 38-39 '63.  
(MIRA 16:7)  
(Technological innovations)

STREL'CHUK, N., prof., doktor tekhn.nauk; YAKOVLEV, A., kand.tekhn.nauk; BURIN, N.,  
inzh.

Resistance to fire of reinforced concrete girders. Pozh.delo 9 no.3:  
9-11 Mr '63. (MIRA 16:4)  
(Building materials—Testing)

YAKOVLEV, Aleksandr Andreyevich, kand. med. nauk; YUKHNOVSKAYA,  
S.I., red.; BASHMAKOV, G.M., tekhn. red.

[Prevention of myopia; advice to parents] Preduprezhdenie  
blizorukosti; sovety roditeliam. Moskva, Medgiz, 1963. 15 p.  
(MIRA 17:2)

YAKOVLEV, A.A. (Moskva)

Story of the ancestor of land vertebrates; on J.L.B.Smith's book  
"Old Fourlegs, the story of the coelacanth". Biol. v shkole no.3:  
95-96 My-Je '63. (MIRA 16:10)

YAKOVLEV, A., kand.tekhn.nauk; ZENKOV, N., inzh.

Fire resistance of bent structures made from lightweight and porous concrete. Pozh.delo 9 no.12:10-11 D '63. (MIRA 17:1)

YAKOVLEV, A., inzh.

Periodicity of lubricating the running gear. Avt. transp.  
41 no.6:26-27 Je '63. (MIRA 16:8)

1. Moskovskiy avtomobil'no-dorozhnyy institut imeni Molotova.

1. YAKOVLEV, A. A.
2. USSR (600)
4. Milling Machines
7. Device for milling wedges. Stan. i instr. 24, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

YAKOVLEV, A. A.

Changes in the Bone Marrow and the Peripheral Blood in Cases of C Avitaminosis, I. I. Tsvetkov, L. I. Kasbinzev, A. I. Malinina, and A. A. Yakovlev, Kazan' Med. Zhur. 35, No. 9, 30-4 (1939); Chem. Zentr. 1940, I, 3610. -

Examinations of the blood and the bone marrow were made on patients having symptoms of vitamin C deficiency and on 9 guinea pigs fed a diet lacking in vitamin C. The results showed hypochromic anemias with deficient regeneration, which was due to the fact that the avitaminosis prevented the maturing of the cells of the bone marrow. As a result, leucopenia, thrombopenia and changes in the form of the leucocytes could be detected in the peripheral blood. These changes in the blood outlasted all other symptoms of the C avitaminosis.

M. G. Moore

YAKOVLEV, A.A.; TRAVYANSKAYA, A.V.

Roentgen diagnosis of cardiac echinococcosis. Klin.med., Moskva  
29 no.2:49-52 Feb 51. (CIML 20:7)

1. Of the Roentgenological Division (Head--A.A. Yakovlev), First  
Clinical Hospital (Head Physician--L.V. Kats), Molotov Medical  
Institute, Molotov.

Y 55 L 5 LF, M.A.

HALMAN, E.T.; GARNER, F.H.; RYABOV, K.I. [translator] [deceased]; MAGIDOV,  
G.A., kand. sel'skokhozyaystvennykh nauk, red.; YAKOVLEV, A.A.,  
red.; SMIRNOVA, N.I., tekhn. red.

[Principles and practice of feeding farm animals. Abridged trans-  
slation from the English] Osnovy i praktika kormleniya sel'skokhoziai-  
stvennykh zhivotnykh. Pod red. i s predisl. G.A. Magidova. Moskva,  
Izd-vo inostr. lit-ry, 1957. 435 p. (MIRA 11:8)

(Feeding and feeding stuffs)

YAKOVLEV, Aleksey Afanas'yevich; VORONINA, N.V., red.; NAUMOV, K.M.,  
tekhn. red.

[Measures for increasing the productivity of dairy cattle] Me-  
ropriatiia po povysheniiu produktivnosti molochnogo skota. Mo-  
skva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 57 p.  
(MIRA 14:8)

(Dairy cattle)

YAKOVLEV, A.A.; FADDEYEV, O.V.

Full-scale test of the icebreaker "I.Stalin" in 1959. Probl.Arkt.1  
Antarkt. no.5:81 '60. (MIRA 14:4)

(Ice-breaking vessels)

BUNIN, A.Ya., kand.med.nauk; YAKOVLEV, A.A., nauchnyy sotrudnik;  
POZHARSKAYA, A.M., kand.khim.nauk; CHERNIK, L.Ye., nauchnyy  
sotrudnik; FINKEL'SHTEYN, M.Z., kand.khim.nauk; TIMOKHIN, I.M.,  
kand.khim.nauk.

Method for increasing and prolonging the hypotensive action  
of pilocarpine. Vest.oft. no.4:63-65 '61. (MIRA 14:11)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut glaznykh  
bolezney imeni Gel'mgol'tsa (for Bunin, Yakovlev). 2. Vsesoyuznyy  
nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut  
imeni S. Ordzhonikidze (for Pozharskaya, Chernik). 3. Institut  
neftekhimicheskoy i gazovoy promyshlennosti imeni I.M. Gubkina  
(for Finkel'shteyn, Timokhin).

(PILOCARPINE)

BTR YAKOVLEV, A. A.

11599 Mineralogia dla Vsekh (Mineralogy for Everyone.)  
A. A. Yakovlev. 485 pages. 1947. Academy of Sciences of the  
USSR, Moscow and Leningrad. (QE365 .A5m)  
Written in a popular style for anyone interested in mineralogy,  
including scientists specializing in other fields. It deals with  
the formation of rocks, special minerals for ferrous and non-  
ferrous metallurgy, rare and precious metals, minerals, and ap-  
plications of minerals in industry. Drawings and tables. A bib-  
liography and two indices, geographic and general.

YAKOVLEV. A. A.

37242. V nedrakh Zemli. V SB: Nauka i Zhizn: M., 1949, S. 17-36 B. Geofizika.  
Geokhimiya

SO: Letopis' Zhurnal' nykh Statey, Vol. 7, 1949.

YAKOVLEV, A. A., Author

Rocks

"In the world of stone," Reviewed by G. P. Bogolyubov, Geog. v shkole, No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

YAKOVLEV, A.A.

Vneklassnoe chtenie po geografii i  
geologii v V-VII klassakh (Outside reading in geogra-  
phy and geology in the 5th-8th classes). Moskva, Aka-  
demia pedag. nauk RSFSR, 1953.

SO: Monthly List of Russian Accessions, Vol. 7, No. 5, August 1954

YAKOVLEV, H. I.

OBRUCHEV, V.A., akademik

To young prospectors. ("In search for mineral resources."  
A.A. Yakovlev. Reviewed by V.A.Obruchev). Vokrug sveta  
no.7:60 Jl'55. (MIRA 8:10)  
(Mineralogy) (Yakovlev, A.A.)

YAKOVLEV, Aleksandr Aleksandrovich; SMIRNOVA, N.P., red.; ZAYTSEVA, K.F.,  
red.kart; TSYIPPO, R.V., tekhn.red.

[The story of the earth; a book for students] Rasskazy o zemle;  
kniga dlia uchashchikhsia. Moskva, Gos.uchebno-pedagog.izd-vo  
M-va prosv.RSFSR, 1959. 258 p. (MIRA 13:7)  
(Geology) (Paleontology)

YAKOVLEV, Aleksandr Aleksandrovich

Preparing for a geological survey. IUn. tekhn. 3 no.6:5-7  
Jg. '59. (MIRA 12:8)  
(Geological survey)

YAKOVLEV, A.A. (Moskva)

First aid in an acute glaucoma attack. Fel'd. i akush. 26 no.5:  
18-21 My '61.  
(GLAUCOMA) (MIRA 14:5)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001961910007-7

YAKOVLEV, A.A. (Moskva)

Prevention and treatment of myopia. Fel'd. i skush. 22 no.10:52-56  
0 '57. (MIRA 11:1)  
(MYOPIA)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001961910007-7"

LINKIN, V.V., YAKOVLEV, A.A.

Exhibition of ophthalmological instruments of the K. Zeiss Company  
(Jena) in the Helmholtz State Scientific Research Institute of  
Eye Diseases. Vest.oft. 71 no.5:61-62 S-O '58 (MIRA 11:10)  
(OPHTHALMOLOGY, appar. & instruments  
exhibit in Germany (Rus))  
(EXHIBITS,  
ophthalmol. appar & instruments in Germany (Rus))

YAKOVLEV, A.A., vrach

Eye burns from chemical substances. Zadorov'e 5 no.3:30 Mr '59.  
(MIRA 12:3)  
(EYE--WOUNDS AND INJURIES)

YAKOVLEV, A.A.

Effect of oxygen on light sensitivity in patients with glaucoma.  
Vest. oft. 73 no. 3:35-38 My-Je '60. (MIRA 14:1)  
(GLAUCOMA) (OXYGEN METABOLISM)

SIKHARULIDZE, I.A., zasl. deyatel' nauki, prof., otv. red.;  
BERADZE, N.I., dots., otv. red.; ARKHANGEL'SKIY, V.N.,  
prof., red.; ABULADZE, V.A., red.; ANTELAVA, D.N., kand.  
med. nauk, red.; BOGOSLOVSKIY, A.I., doktor biol. nauk,  
red.; BUNIN, A.Ya., kand. med. nauk, red.; VILENKINA, A.,  
doktor med. nauk, red.; VISHNEVSKIY, N.A., prof., red.;  
ZARUBIN, G.S., nauchn. sotr., red.; ITSIKSON, L.Ya., kand.  
med. nauk, red.; KRASNOV, M.L., zasl. deyatel' nauki, prof.,  
red.; MACHARASHVILI, P.D., zasl. vrach Gruz. SSR, red.;  
PUCHKOVSKAYA, N.A., prof., red.; RABKIN, Ye.B., prof., red.;  
RSHZHECHITSKAYA, O.V., kand. med. nauk, red.; RDSLAVTSEV,  
A.V., st. nauchn. sotr., red.; TARTAKOVSKAYA, A.I., kand.  
med. nauk, red.; FRADKIN, M.Ya., prof., red.; KHAYUTIN, S.M.,  
prof., red.; CHERNYAKOVSKIY, G.Ya., kand. med. nauk, red.;  
CHKONIYA, E.A., kand. med. nauk, red.; SHATILOVA, T.A.,  
doktor med. nauk, red.; YAKOVLEV, A.A., nauchn.sotr., red.

[Materials of the Second All-Union Conference of Ophthalmologists] Materialy Vsesoiuznoi konferentsii oftal'mologov.  
Tbilisi, Respublikanskoe nauchn. ob-vo oftal'mologov  
Gruz.SSR, 1961. 498 p. (MIRA 18:1)

1. Vsesoyuznaya konferentsiya oftal'mologov, 2d, Tiflis, 1961.
2. Chlen-korrespondent AMN SSSR (for Arkhangel'skiy).

YAKOVLEV, A. A.

Cand Med Sci - (diss) "Effect of oxygen on the light sensitivity of patients with glaucoma." Moscow, 1961. 12 pp; (Gor'kiy Med Inst imeni S. M. Kirov of the Ministry of Public Health RSFSR); 200 copies; price not given; (KL, 6-61 sup, 242)

LENKEVICH, M.M., dotsent; YAKOVLEV, A.A., kand.med.nauk

New solvent for the preparation of drugs used in ophthalmology.  
Vest.oft. no.5:81-82 '62. (MIRA 15:12)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut glaznykh  
bolezney imeni Gel'mgol'tsa (dir. A.V.Roslavtsev).  
(SOLVENTS) (OPHTHALMOLOGY)

YAKOVLEV, A.A., (Moskva)

Uveitis. Med. sestra 22 no.8:26-30 Ag'63. (MIRA 16:10)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta  
glaznykh bolezney imeni Gel'mgol'tsa, Moskva.  
(EYE—INFLAMMATION)

BUNIN, A.Ya., kand. med. nauk; YAKOVLEV, A.A., kand. med. nauk

Experience in the use of diocid in eye surgery. Vest. oft.  
76 no.3:63-64 My-Je '63. (MIRA 17:2)

1. Nauchno-issledovatel'skiy institut glaznykh bolezney  
imeni Gel'mgol'tsa (dir. A.V. Roslavitsev).

L 27237-66 EWP(k)/EWT(d)/EWT(m)/EWP(h)/EWP(1)/EWP(v)/EWP(t) IJP(c) JD/HW  
ACC NR: AP6009901 SOURCE CODE: UR/0413/66/000/004/0098/0099

AUTHOR: Yakovlev, A. A.

ORG: none

TITLE: Device for controlling pipes and rods by means of a magnetographic method.  
Class 42, No. 179071 14 18

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 98-99

TOPIC TAGS: pipe, metalworking machinery, magnetic tape

ABSTRACT: This Author Certificate presents a device for controlling pipes and rods by means of a magnetographic method consisting of a magnetosensitive endless tape and a recording and erasing head. To avoid transmission of vibration from the object to the heads, to enhance the rate of control, and to increase the useful life of the magnetic tape, the latter is provided with reinforced edges between which runs the magnetosensitive layer (see Fig. 1).

Card 1/2

UDC: 620.179.14

L 27237-66

ACC NR: AP6009901

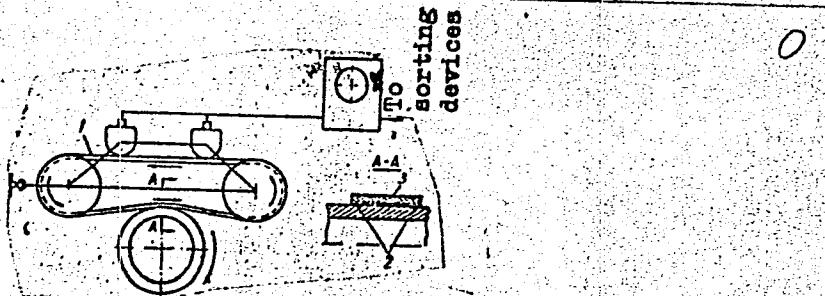


Fig. 1. 1 - endless magnetosensitive tape;  
2 - reinforced sections; 3 - magnetosensitive  
layer.

Orig. art. has: 1 figure.

SUB CODE: 13 / SUBM DATE: 12Jul63

Card 2/2 CC

YAKOVLEV, A. A.

Horses

"Latvian draft horse," a new breed, Konevodstvo No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.

YAKOVLEV, A. A.

YAKOVLEV, A. A. -- "The Growth and Development of Colts of the Orlovo Breed from One to Two Years of Age Taking into Account Various Indexes of Osteology, Hematology, and Pace Measurement." Moscow, 1956. (Dissertation for the Degree of Candidate in Agriculture Sciences).  
AT Moscow Agricultural Acad. im K.A. Timiryazev.  
So.: Knizhnaya Litopis', No. 7, 1956.

KALININ, Viktor Ivanovich; YAKOVLEV, Aleksey Afanas'yevich; NECHAYEVA, Ye.G.,  
redaktor; FEDOTOVA, A.F., tekhnicheskij redaktor

[Horse breeding] Konevodstvo. Izd. 4-oe. perer. Moskva, Gos. izd-vo  
selkhoz. lit-ry, 1956. 327 p. (MLRA 10:1)  
(Horses)

YAKOVLEV, A.

USSR/Farm Animals - Horses.

Q-2

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 3091<sup>4</sup>

Author : Yakovlev A.

Inst : -

Title : On Thoroughbred Work with the Russian Heavy-Draft Horse.  
(O plemennoy rabote s russkim tyazhelovozom).

Orig Pub : Konevodstvo, 1957, No 8, 18-24

Abstract : The characteristics of the exterior, class, and efficiency of the Russian Heavy-Draft horses belonging to 3 studs, No 3, No 6, and No 64, are given. It is recommended to improve the efficiency and to increase the size of horses, without loss of the obtained desirable type, by way of the selection of large-sized but typical stallions and rares.

Card 1/1

- 16 -

KALININ, V.I.; YAKOVLEV, A.A.

[Horse breeding] Konevodstvo. Izd.5., perer. Moskva, Izd-  
vo sel'khоз.lit-ry, zhurnalov i plakatov, 1961. 270 p.  
(MIRA 15:8)

(Horse breeding)

BELOGRUDOV, Vladimir Afanas'yevich; KHONINEV, Leonid Pavlovich;  
YAKOVLEV, A.B., stv.red.; MIRSKAYA, V.V., red,izd-va;  
BOLDIREVA, Z.A., tekhn.red.

[Automatic and remote control in mining] Rudnichnaia avtomatika i telemekhanika; laboratorno-prakticheskie raboty.  
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu,  
1961. 183 p. (MIRA 14:12)

(Mining engineering--Equipment and supplies)  
(Automatic control) (Remote control)

MUL'TAN, Sergey Sergeyevich; YAKOVLEV, A.B., otv. red.; MIRSKAYA, V.V.,  
red.izd-va; GALANOVA, V.V., tekhn. red.

[Assembly and repair of electric mining equipment] Montazh i re-  
mont shakhtnogo elekstrooborudovaniia. Moskva, Gos. nauchno-  
tekhn. izd-vo, 1961. 203 p. (MIRA 14:9)  
(Electricity in mining)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001961910007-7

DMITRAK, Yu.A.; NESKREBA, A.V.; YAKOVLEV, A.B.

Industrial testing of KG-1 machine units. Trudy TSNII Pod-  
zemshakhstroia no.2:82-89 '63. (MIRA 17:5)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001961910007-7"

YAKOVLEV, A. D.

Synthetic Resins, Plastics

Dissertation: "An investigation in the Field of Conversion of Metacrylic and Acrylic Polymers." Cand Tech Sci, Leningrad Technological Inst, Leningrad, 1953  
(Referativnyy Zhurnal Khimiya, Moscow, No 3, Feb. 1954)

SO: SUM 213, 20 Sept 1954

JAKOVLEV, A. D.

Saturated carbon-chain polymer conversion. V. Transformation of polybutyl methacrylate into a tridimensional polymer. A. Ya. Drinberg and A. D. Vakovlev. *J. Appl. Chem. U.S.S.R.* 26, 491-5 (1953) (Engl. translation).—See C.A. 47, 10318d.

H. L. H.

YAKOVLEV, A. D.

3

② Chem

1276\* Conversion of Polybutylmethacrylate Into a Three-Dimensional Polymer. (Russian.) A. Ia. Drinberg, and A. D. Yakovlev. Zhurnal Prikladnoi Khimii, v. 26, no. 5, May 1953, p. 532-537.

Discusses process of destruction of macromolecules and their cross-linking during thermal action of atmosphere on polymers of normal butylmethacrylate. Tables, graphs, 4 ref.

(CA 47 no. 20:10318 '53)

11-9-51  
11-9-51

Lensovet Technol. Inst. Leningrad

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001961910007-7

YAKOVLEV A D.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001961910007-7"

YAKOVLEV, A. D.,

"Three dimensional networks of polysacrylates and methacrylates,"  
a paper presented at the 9th Congress on the Chemistry and Physics of High  
Polymers, 28 Jan-2 Feb 57, Moscow, Leningrad Polytechnic Inst.

B-3,084,395

*YAKOVLEV, A.D.*

**AUTHORS:** Drinberg, A. Ya., Yakovlev, A. D. and Sokolova, Z. S.

**TITLE:** Method of Detecting the Ester Group, Polyacrylic and Polymethacrylic Esters (Metod opredeleniya estirnykh grupp poliakrilovykh i polymetakrilovykh estirov)

**PERIODICAL:** Zavodskaya Laboratoriya, 1957, Vol. 23, No. 1, p. 26 (U.S.S.R.)

**ABSTRACT:** The authors experimented with a view to improving on the Zeisel method of analyzing polymers of esters of acrylic and methacrylic acids as well as the copolymers and mixtures containing them. The method tried out by the authors, that of quantitative determination of ester groups, is based on the hydrolysis of polyesters under pressure. As a hydrolyzing agent, a 2-n solution of KOH in an alcohol-benzene mixture was used. The experiment also included a saponification process on a great number of polymers of esters of the acrylic and methacrylic series. The method was found to give good convergence of results. Error in the experiments did not exceed 1%.

Card 1/2

Method of Detecting the Ester Group, Polyacrylic  
and Polymethacrylic Esters

**ASSOCIATION:** Lensovet Leningrad Technological Institute (Leningradskiy Tekhnologiskiy  
Institut im. Lensoveta)

**PRESENTED BY:**

**SUBMITTED:**

**AVAILABLE:**

Card 2/2

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001961910007-7

Approved A. V.

Approved by the Secretary of the Defense - Sweden

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001961910007-7"

25401

S/080/61/034/002/023/025  
A057/A129

158070

AUTHORS: Yakovlev, A.D., Sokolova, Z.S.

TITLE: Concerning the question of hydrolysis of polymethacrylic esters

PERIODICAL: Zhurnal Prikladnoy Khimii, v 34, no 2, 1961, 464-466

TEXT: Relative stability against hydrolysis in alkali solutions of various methacrylic esters and resins with different molecular weight was investigated and it was observed that the stability of poly-n-alkylmethacrylates increases with the length of the alkyl group and the molecular weight of the polymer. No detailed investigations concerning the effect of structure and molecular weight on stability to hydrolysis have been carried out yet. In the present work methyl-(PMMA), ethyl-(PEMA), butyl-(PBMA), and octyl-(POMA) polymethacrylic esters of normal alcohols were investigated. The polymers were prepared from the corresponding monomers

Card 1/5

25401

Concerning the question of hydrolysis ...

S/080/61/034/002/023/025  
A057/A129

by polymerization in toluene (methyl-, ethyl-ester) or white spirit (higher esters) at 95°-96°C. As initiator benzoyl peroxide was used in the amount of 0.3% of the monomer weight. The obtained polymers were transparent and soluble in the usual solvents. Experiments concerning hydrolysis of the polymers demonstrated that the best results were obtained in an ampoule with approximately 2 N KOH solutions in alcohol-benzene (ratio 3/2 to 3/4). Thus PMMA was quantitatively saponified at 180°C in 2 hrs. Using this method it was observed (Tab. 1) that stability to hydrolysis in alkali solutions increases with the length of the alkyl group. Hydrolysis was easiest in PMMA, and the most resistant was POMA. The authors assume that bigger substitutes, like  $C_8H_7$  with  $r = 12.4 \text{ \AA}$  comparing to  $CH_3$  with  $r = 1.09$ , form a unique shielding effect hindering the approach of the molecules of chemical agents. The effect of molecular weight on hydrolysis of polyalkylmethacrylates can be seen from Tab. 2 indicating that with increasing molecular weight stability to hydrolysis increases. It was observed that even with good solvents the reaction of hydrolysis of these polymers occurs in a homogeneous medium only in the beginning. With advanced substitution of the alkyl groups by the alkali metal the polymers

Card 2/5

25401

S/080/61/034/002/023/025  
A057/A129

Concerning the question of hydrolysis ...

precipitate, becoming less soluble in the solvent. The period prior to precipitation depends on the stability of the polymer and the conditions of the process. The polymer precipitates before substitution is completed, i.e., hydrolysis proceeds in a heterogenous medium and is inhibited. There is 1 figure, 1 table and 12 references: 4 Soviet-bloc and 8 non-Soviet-bloc. Three of the English-language publications read as follows: A. Katchalsky, H. Eisenberg, J.Pol.Sci., 6, 2, 145 (1951); C.E. Schildknecht, Vinyl and Related Polymers, N.Y., 217 (1952); J.C. Bevington et al., J.Pol.Sci., 32, 125, 317 (1958).

ASSOCIATION: Leningradskiy tekhnologicheskiy institut imeni Lensoveta  
(Leningrad Technological Institute imeni Lensovets)

SUBMITTED: February 22, 1960

X

Card 3/5

YAKOVLEV, Anatoliy Dmitriyevich, kand. tekhn. nauk; AKATOVA, N.V.,  
inzh., red.; FOMICHEV, A.G., red. izd-va; GVARTS, V.L., tekhn.  
red.

[New epoxy methacrylic lacquers for anticorrosive protection of  
metal products] Novye epoksidno-metakrilovye laki dlja antikor-  
rozionnoi zashchity metallicheskikh izdelii. Leningrad, 1961. 14 p.  
(Leningradskii dom nauchno-tehnicheskoi propagandy. Obmen peredo-  
vym opyтом. Seriia: Lakokrasochnye pokrytiia, no.7) (MIRA 15:6)  
(Protective coatings)

OKHRIMENKO, I.S.; YAKOVLEV, A.D.

Economizing solvents in the manufacture of paint materials.  
Lakokras.mat.i ikh prim. no.1:33-36 '62. (MIRA 15:4)

1. Leningradskiy tekhnologicheskiy institut im. Lensoveta.  
(Paint materials) (Solvents)